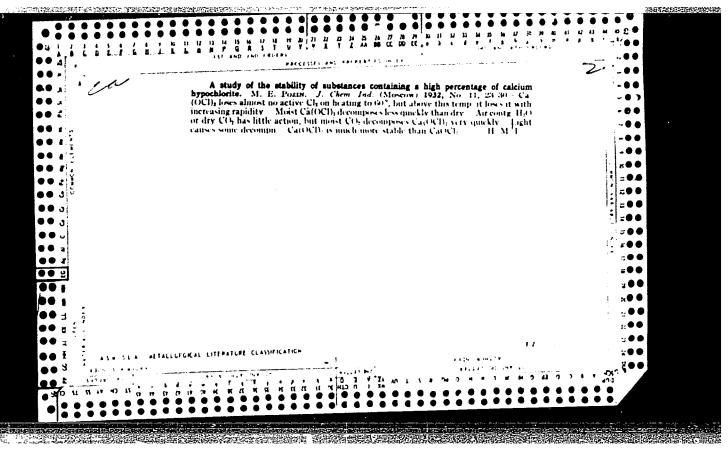
FOMENKO, Yuriy Yevgen'yevich; FAYNSHTEYN, Vladimir Maksovich; POZIN. Mikhail Solomonovich; LANGVSKAYA, M.R., red.izd-va; ISLENT'YEVA, P.G., tekhn. red.

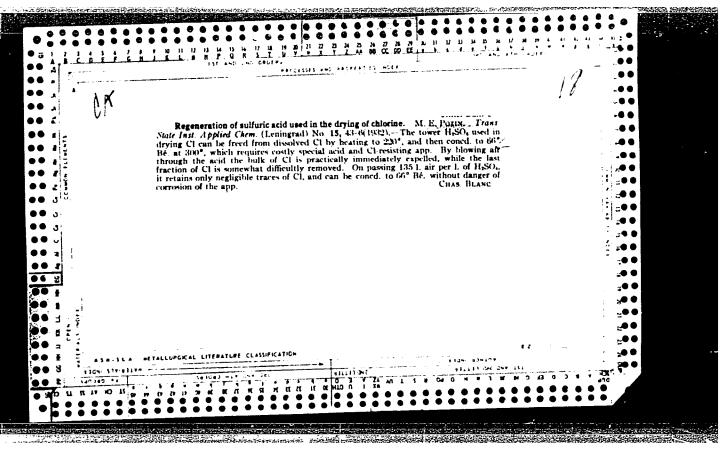
[Operator of guillotine shears] Rezchik gil'otinnykh nozhnits. Moskva, Metallurgizdat, 1963. 157 p. (MIRA 16:9) (Shears (Machine tools))

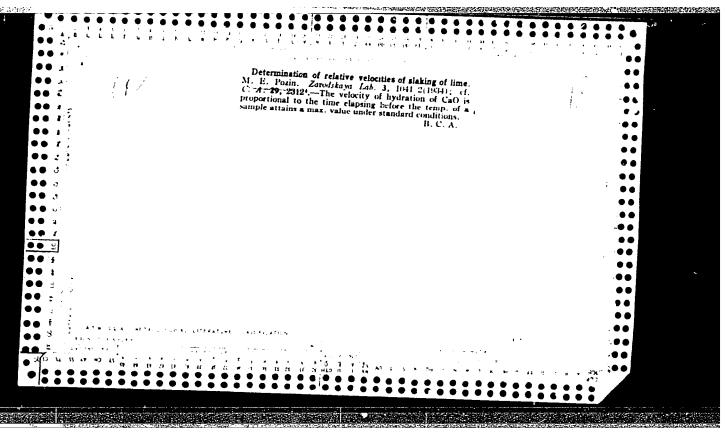
AGRE, V.L.; AL'DIYEVA, K.N.; ANANYAN, V.V.; BERLIN, R.I. [deceased];
ISTOMIN, A.V.; KAGAN, I.A.; KRONGAUZ, N.D.; KULAKOV, A.M.;
MARKOV, V.P.; MATVEYEV, Yu.M.; NESVETAYEV, A.M.; OSIPOV, A.P.
[deceased]; POZIN, M.S.; FAYNSHTEYN, V.M.; SHAPIRO, B.S.;
SHEVCHENKO, N.A.; SHCHIRIN, V.N.; AL'SHEVSKIY, L.Ye., kand;
tekhn.nauk, red.; VLADIMIROV, Yu.V., red.izd-va; MIKHAYLOVA,
V.V., tekhn.red.

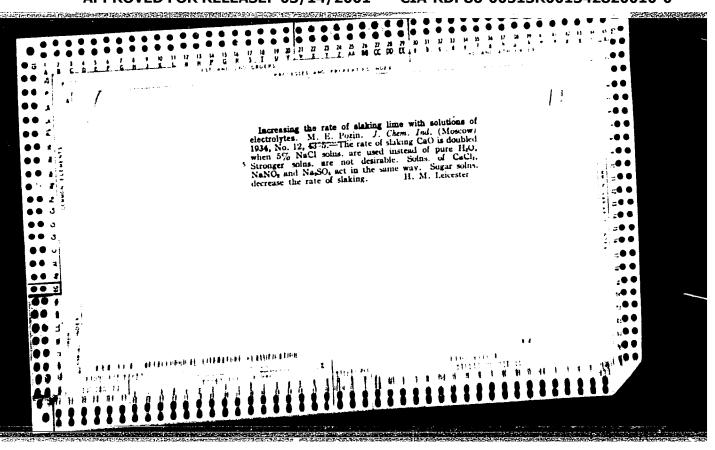
[Rolling and pipe mills] Prokatnoe i trubnoe proizvodstvo.
Pod red. L.E. Al'shevskogo i A.V. Istomina. Moskva, Gos. nauchnotekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962.
246 p. (MIRA 15:2)

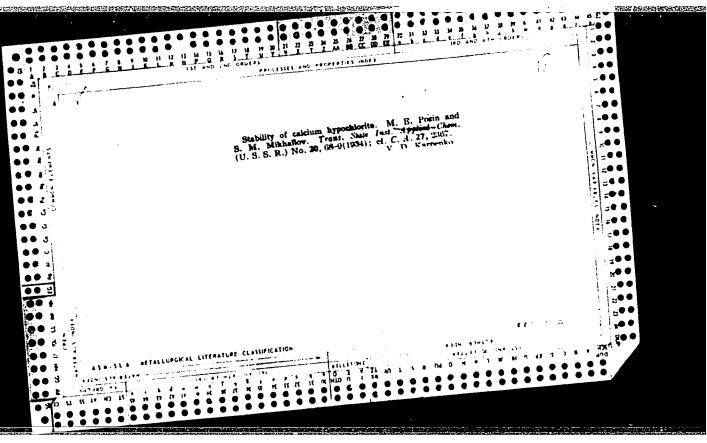
1. Moscow. TSentral'nyy institut informatsii chernoy metallurgii. (Rolling mills) (Pipe mills)

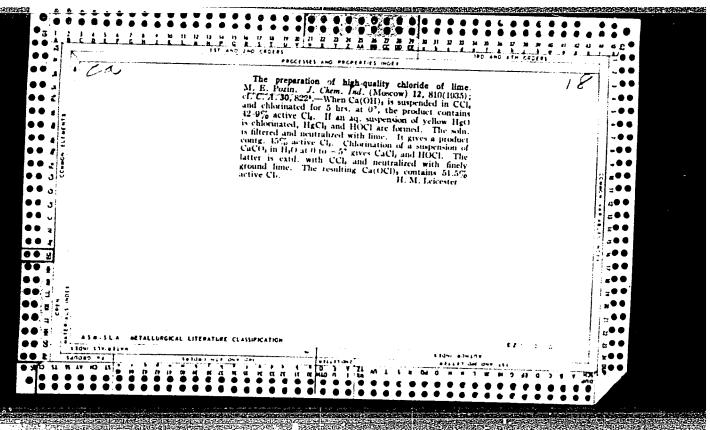


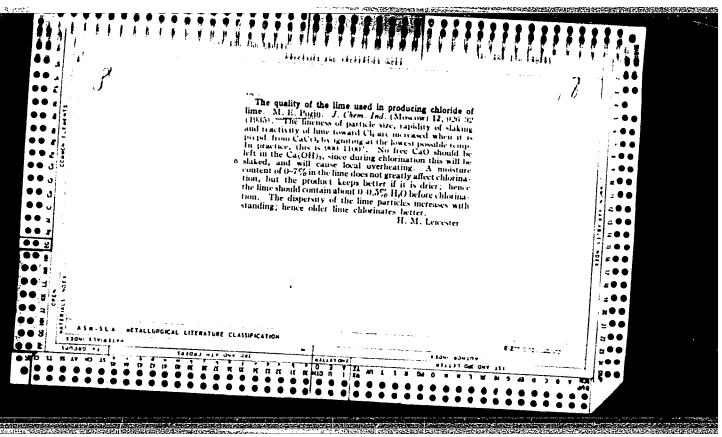


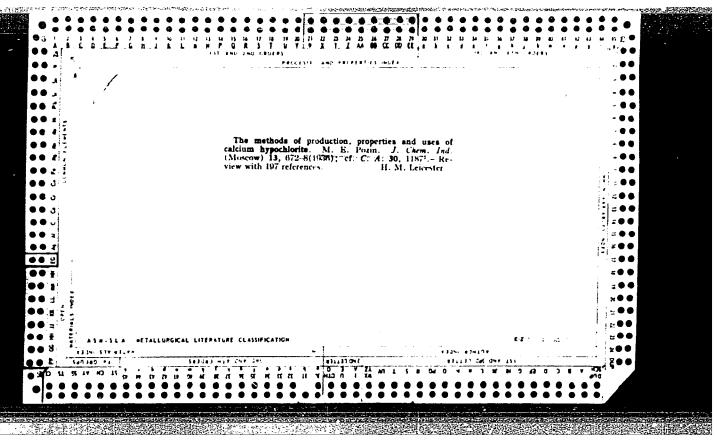


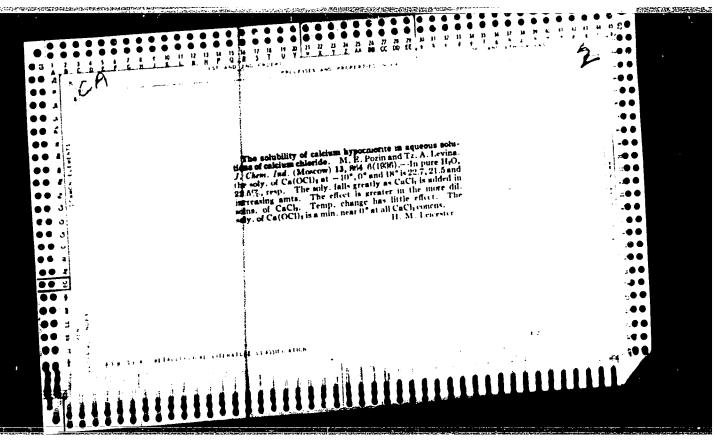


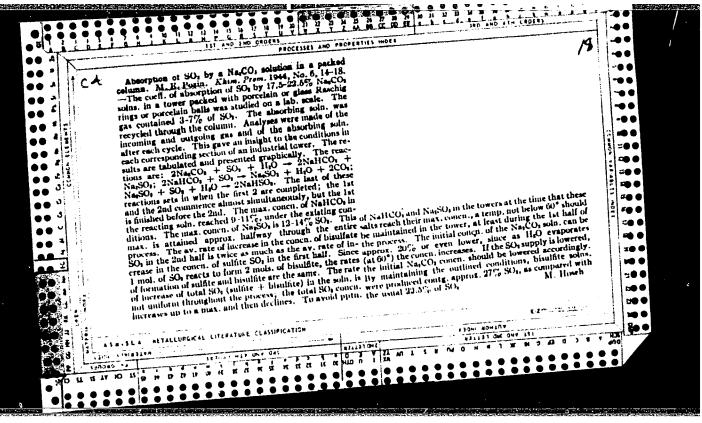


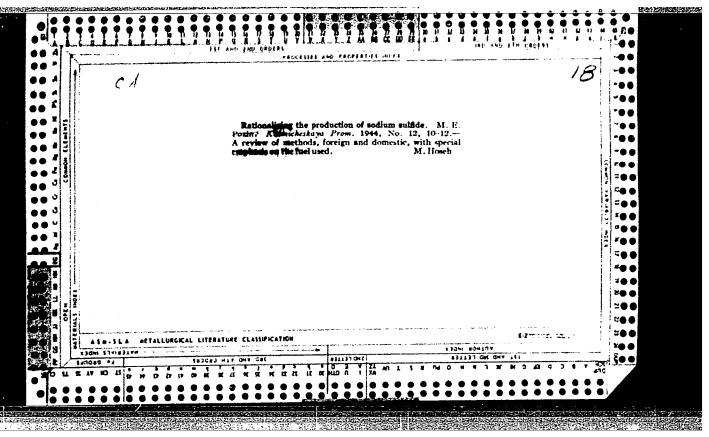


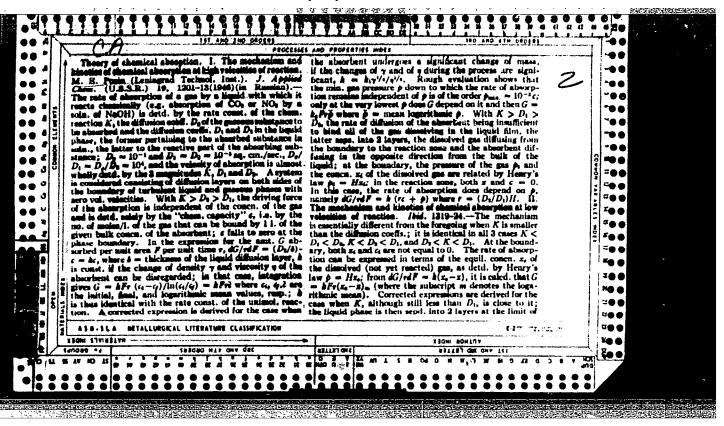


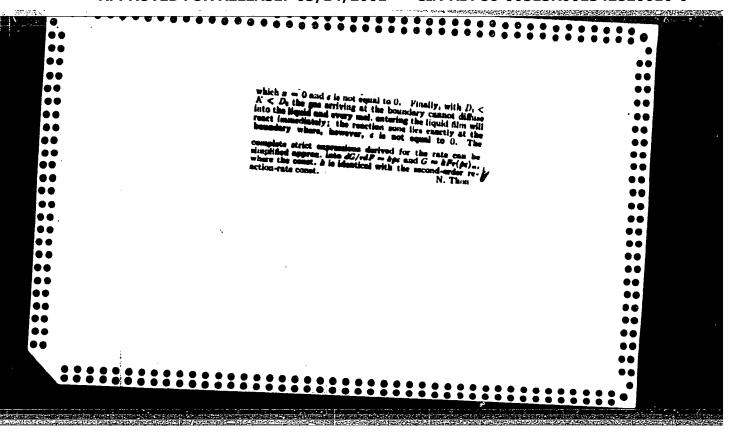


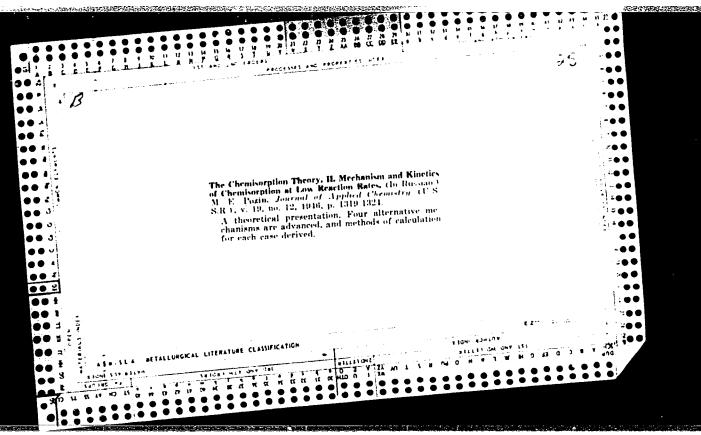


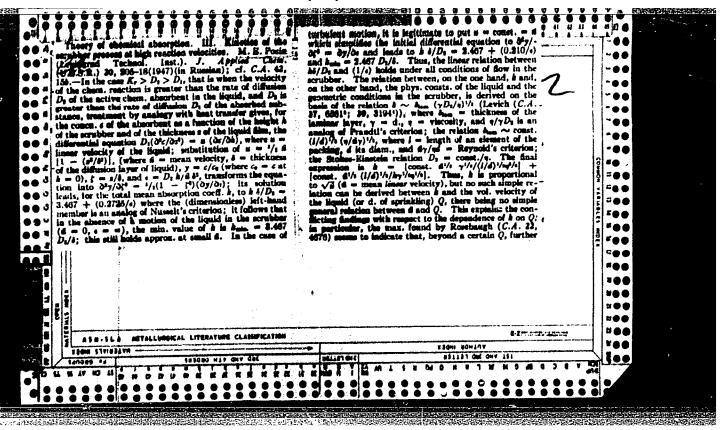


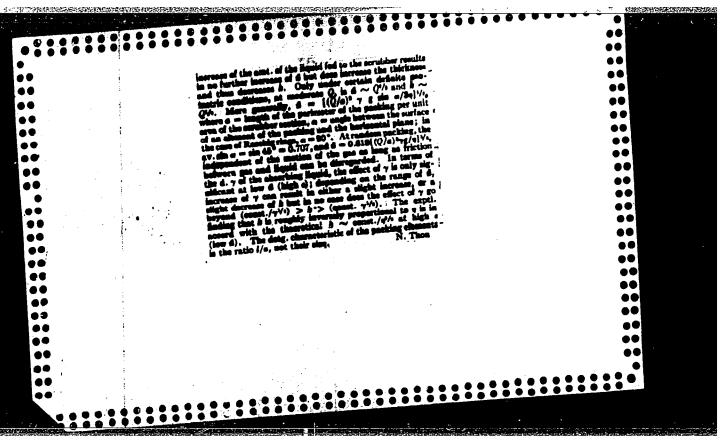


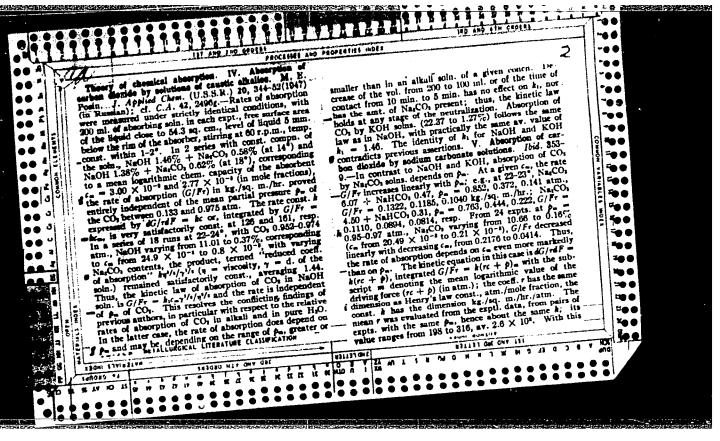


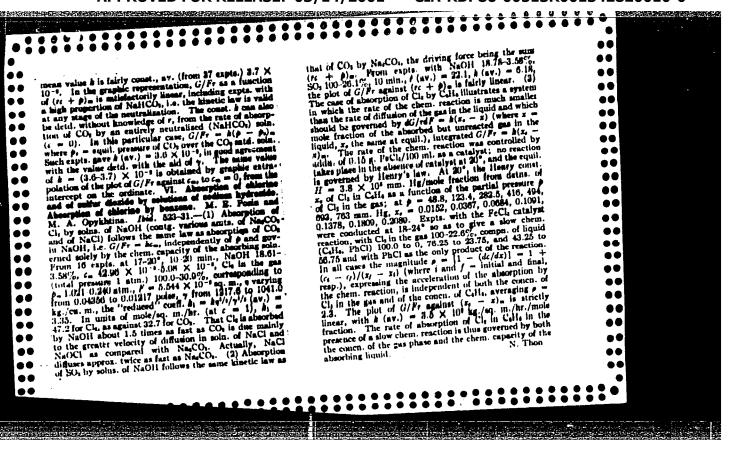












POZIN, M.Ye.; KOPYLEV, B.A.; KYRSHEV, I.P.

Rate of apatite decomposition in unsaturated solutions of the system CaO - P2O5 - H2O. Zhur.prikl.khim. 36 no.6:1175-1180 (MIRA 16:8)

Je *63.

l. Leningradskiy tekhnologicheskiy institut imeni Lensoveta i Sofiyskiy khimiko-tekhnologicheskiy institut. (Apatite) (Phosphoric acid)

DIXEANUMENTELENINES EDICOMINERASINES ESPECIALES EN ESPECIALISMO.

POZIN, M.Ye.; TARAT, E.Ya.; MRNYAK, L.

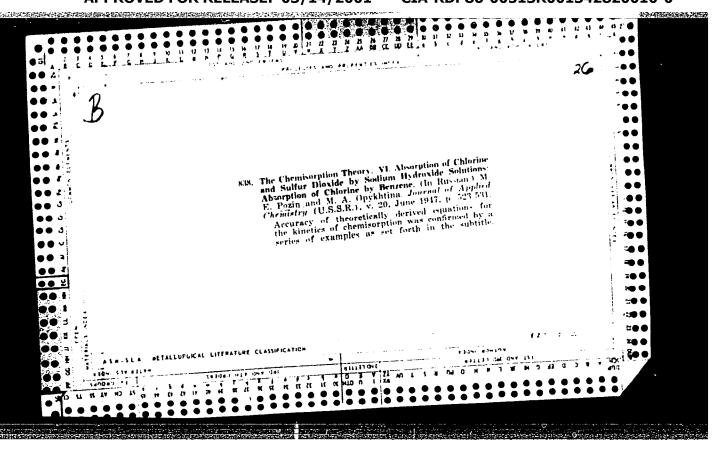
Leaking of liquid through the openings of a grid tray in a foam apparatus. Izv.vys.ucheb.zav.;khim.i khim.tekh. 6 no.2:310-319:63. (MIRA 16:9)

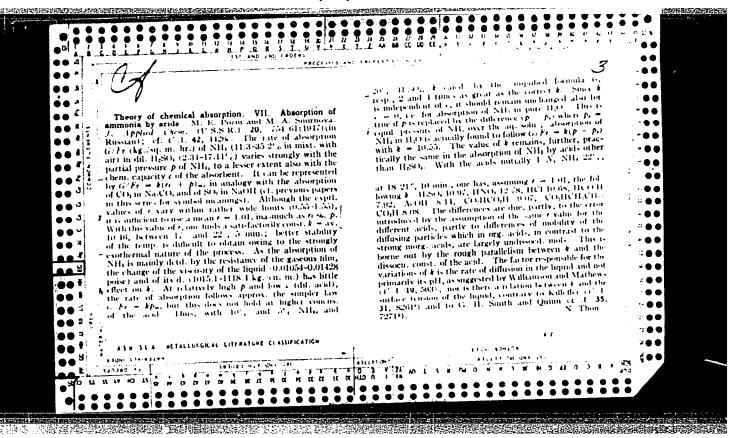
 Leningradskiy tekhnologicheskiy institut imeni Lensoveta, kafedra tekhnologii neorganicheskikh veshchestv. (Plate towers)

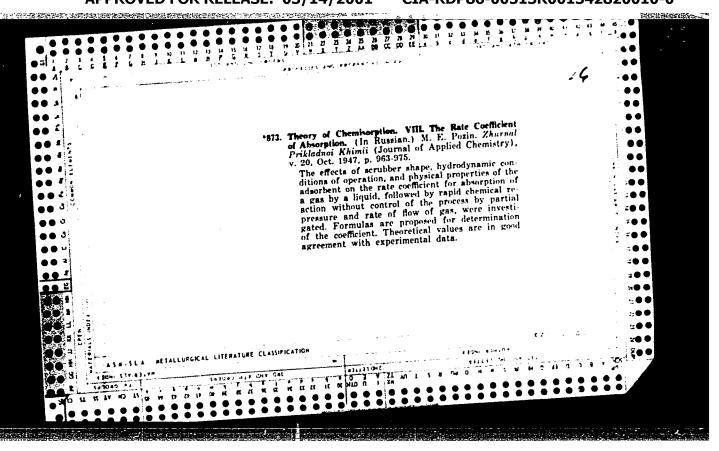
Absorption

Theory of chemisorption. Part 5. Absorption of carbon dioxide by sodium carbonate solutions, Zhur. prikl. khim. 20, No. 4, 1947.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Unclassified.







POZIN, M.Ye.; KOPYLEV, B.A.; ZINYUK, R.Yu.

Liberation into the gas phase of fluorine compounds formed in the acid processing of apatite concentrates. Zhur.prikl.khim. 37 no.1:9-16 Ja (MIRA 17:2)

1. Leningradskiy tekhnologicheskiy institut imeni Lensoveta.

POZIN. M.Ye.

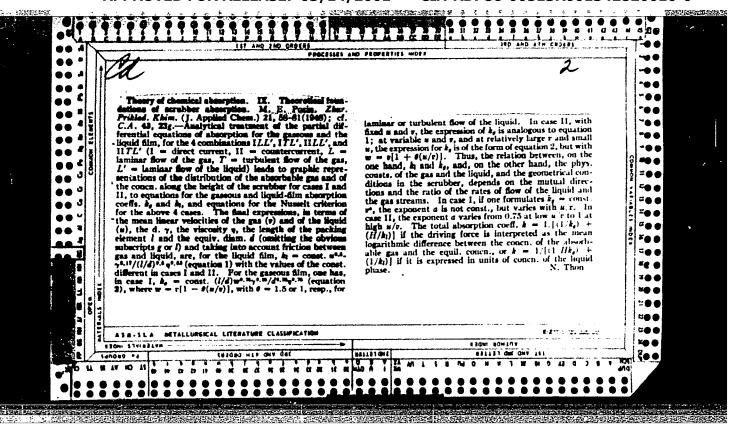
Processes of chemical absorption. Shor.rab.Inst.prikl.khim. no.39:
(MLRA 7:3)
91-123 '47.
(Absorption)

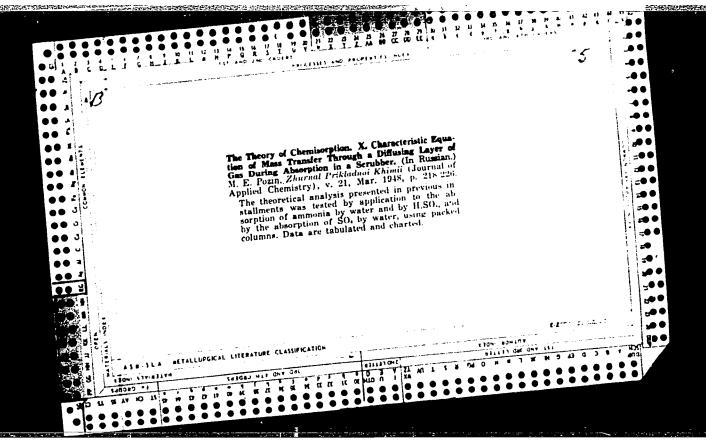
POZIN, M. E.

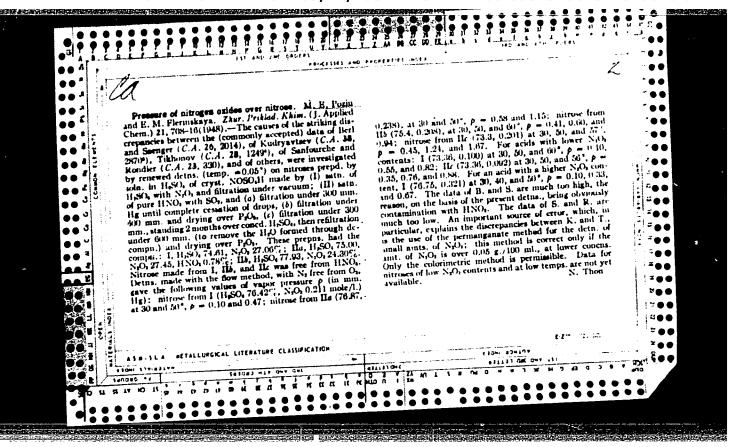
Pozin, M. E., To the article by E. Ia. Turkhan "On the absorption rate of carbon dioxide by solutions of hydroxides." p. 1184.

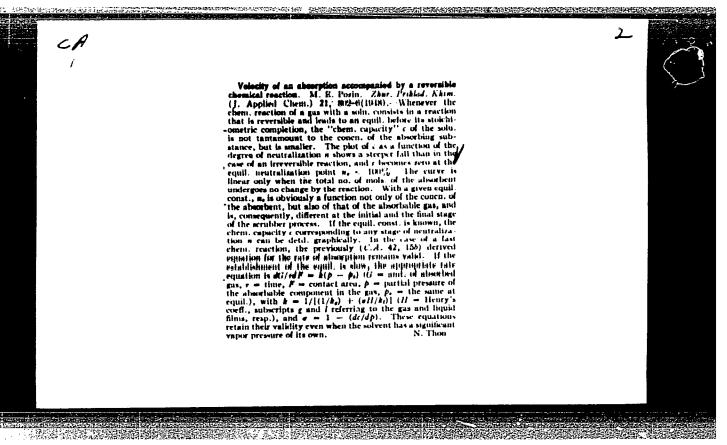
A review.

SO: Journal of Applied Chemistry (USSR) No. 11 (1948).







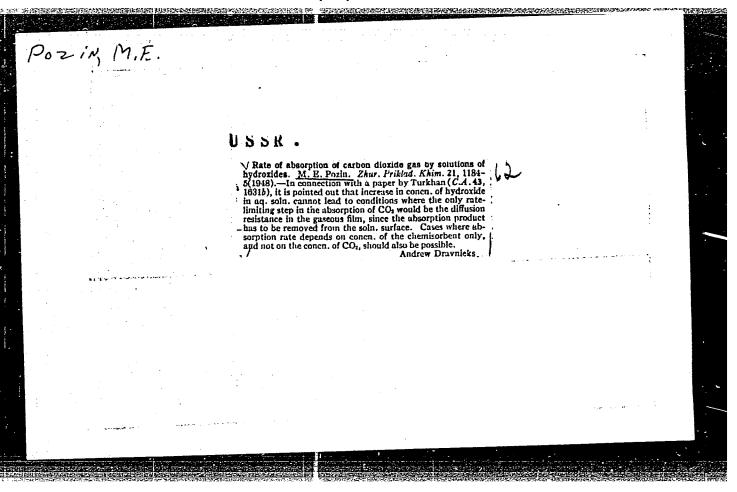


USSR/Chemistry - Absorption Aug 48
Chemistry - Reaction Kinetics

"The Speed of Absorption Associated With Reversible Chemical Reactions," M. Ye. Pozin, Leningrad Technological Inst, 5 pp

"Zhur Priklad Khimii" Vol XXI, No 8

When a reversible chemical reaction takes place in absorption process, chemical volume of absorbent depends on its composition and on concentration of gas being absorbed. Describes graphical method to determine chemical volume. Recommends suitable equations for particular cases. Submitted 31 Mar 48.



POZIN, M. YE.

"Technology of Inorganic Salts" (Tekhnologiya Mineral'nykh Soley), M. Ye. Pozin, Goskhimizdat, Moscow/Leningrad, 1949, 688 pages, 23 rubles 80 kopeks.

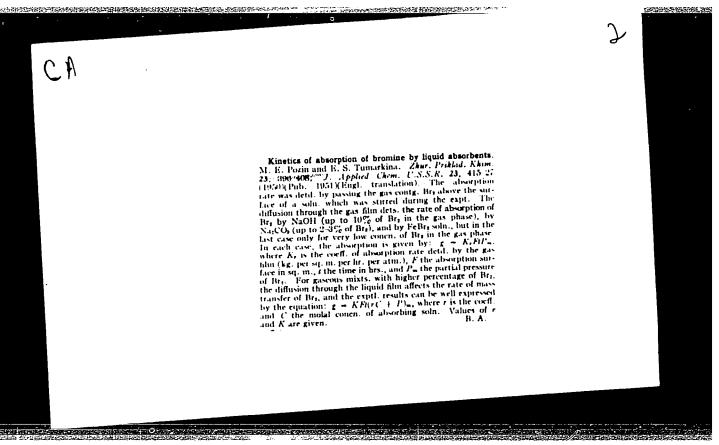
SO: <u>Uspekhi</u> <u>Khimii</u>, Vol 18, #6, 1949; Vol 19, #1, 1950 (W-10083)

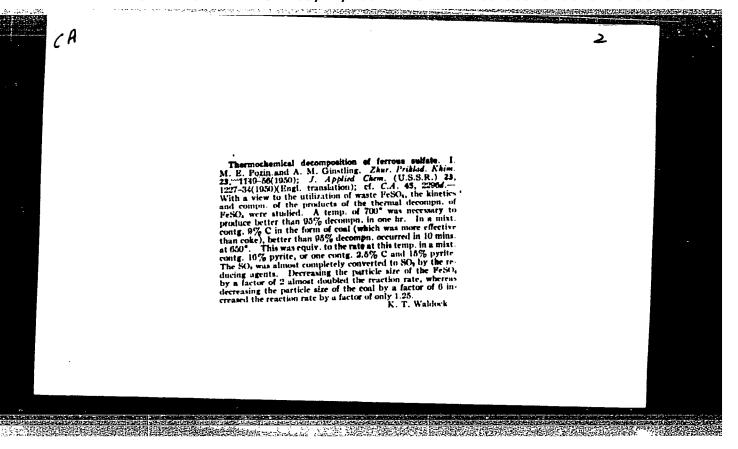
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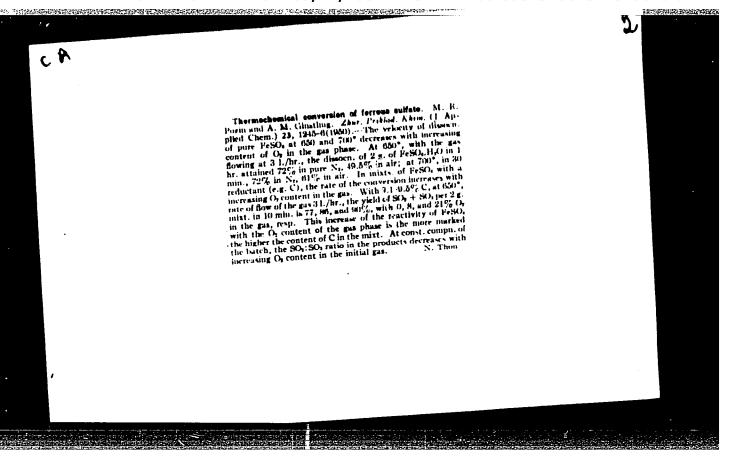
Velocity of chlorination of solutions of broubles. Al. 1. Proving M. 1. Shabasheva, and S. D. Golddenberg (Leningrail Technol. Inst.). Zhur. Problad. Khim. (J. Applied Chem.) 22, 407. 74(1)40). cl. C. 1. 42, 156, 4426.— The rate of absorption of Cl. from the gas by sq. solus. of KBr, NaBr, and MgBr, is governed by the previously established law G. Fr. = $k(n+p)_m$, where G = amt, absorbed in kg., F = surface area in sq. m., r = time in hrs., ... — chem. capacity of the absorbent in mole fractions, p = partial pressure of Cl. m. atm., t = dimensional coeff., and the mean logarithmic $(n+p)_m$ is the mean driving force of the absorption. The linearity between the rate of absorption G/Fr and the initial conen. of Br^+ in the solu. at const. p (0.2–1) is the better the higher $\{Br^+\}$; with KBr, this linearity and the constancy of k are satisfactory between 0.5 and 0.68%, 0.60%, 0.60%, and 0.68%, 0.60%, and 0.68%, and 0.68%, and 0.68%, and 0.68%, and 0.68%, and 0.68%, are deviates above the straight line passing through the origin, as with dimensioning conen, of the chem. absorbent the rate of absorption approaches increasingly to

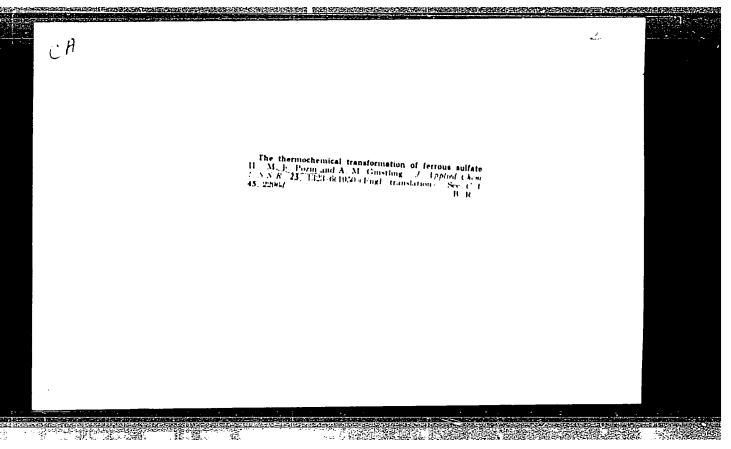
that corresponding to absence of a chem, absorbent. Analogous effects were found in solns of NaBr and of MgBr. The inverse evidently is accomplished in 2 stages, one consisting in the chem displacement reaction, the other corresponding to simple absorption of Cl., not accompanied by a chemical control of the latter is significant at low c. The absorption coeff. k (kg./sq. m. hr. atm.) is very close for KBr (13-17°), NaBr, and MgBr, (18-20°): k = 0.28, 0.27, and 0.24, resp.

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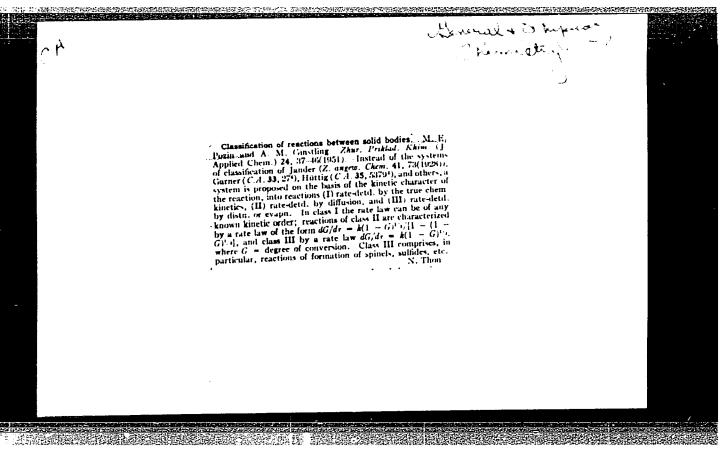






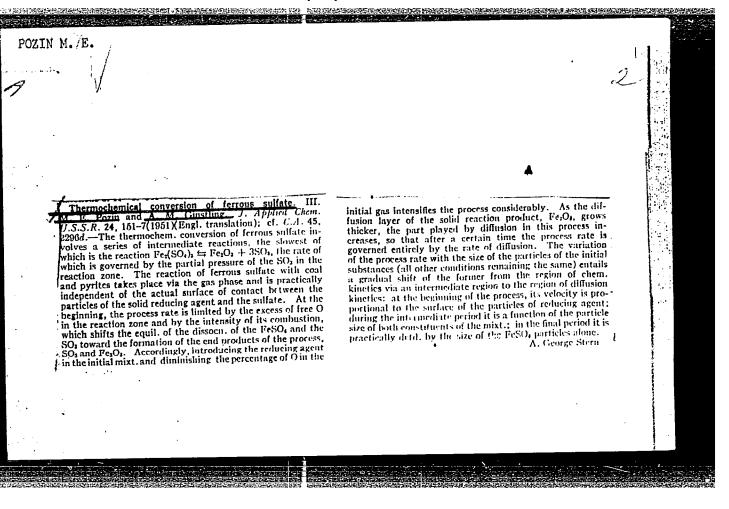


2021. CLEARING OF FIRE Guided IN FOAM GAS discussed. Ozin, S.E. (pap. to Conf. on Plant for cleanin og (Flue) Gases Leningrad, Mec. 1:51, abstr. in Ca Ekon Tooliva (Fuel Econs) Abr. 1952, 37). A flue gas washer exised by the Leningr d Tooliva (Fuel Econs) Abr. 1952, 37). A flue gas washer exised by the Laborator, and at a Technological Institute has been tried successfully in the laborator, and at a Technological Institute has been tried successfully in the laborator and at a Technological Institute has been tried successfully in the laborator and at a Technological Institute has been tried successfully in the laborator and at a tried of the S. is distributed through the holes in thegrid, passes throu goes on the grid. The f.s. is distributed through the holes in thegrid, passes throu goes on the grid. The f.s. is distributed through the holes in the grid and water and forms with it a moving foam. No foaming agents are gh a layer of water and forms with it a moving foam. No foaming agents are gh a layer of water and forms with it a woring foam. No foaming agents are gh a layer of water and forms with it a woring foam. No foaming agents are ghs a layer of water and forms with it a serial the water outlet. A production the grs velocity and the height of the sill at the water outlet. A production model is in hand.



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CIA-RDP86-00513R001342820010-0



N, M. E.			
		3 6	
Chemical Abstracts May 25, 1954 Acids, Alkalies and other Heavy Chemicals	nd	Oxidizing space and separate denitrator in a sulfuric acid tower system. M. E. Pozin and N. E. Kirichenko. Zour. Priklad. Khim. 24, 561-5(1951).—A small nonirrigated packed tower inserted before the absorption zone to oxidize the nitrous gas to the equimol, ratio, NO: NO; NO; NO; I, is unsuitable for good and intensive operation of present-dry tower systems. A special irrigated tower denitrator inserted in parallel with the first tower is effective. Data taken in 1938 from the operation of a plant with a capacity of 100 kg. of HsSO; per cu. m. per 24 hrs. or 235 metric tons/day are used for computing the degree of oxidation of nitrous gases in the free space of the packing of the first absorption tower. V. H. Gottschalk	
		1. 12 - 12 - 13 1. 12 - 12 - 13	
		•	4

NIKOL'SKIY, B.P., redaktor; DOLGOV, B.N., redaktor; ZAL'KIND, Yu.S.
[deceased] redaktor; MORACHEVSKIY, Yu.V., redaktor; POZIH, M.Ye.,
redaktor; PTITSIN, B.V., redaktor SMIRNOV, N.I., redaktor.

[The chemist's handbook]Spravochnik khimika. Vol. 3. [Chemical equilibrium and kinetics. Solutions. Electrochemistry. Analytical and
technical chemistry] Khimicheskoe ravnovesie i kinetika. Rastvory.

Elektrokhimita. Analiticheskaia i tekhnicheskaia khimita. Leningrad,
Gos.nauchno-tekhn. itd-vo khim. 11t-ry. 1952. 1190 p. [Microfilm]

(Chemistry--Handbooks, manuals, etc.)

(MLRA 7:10)

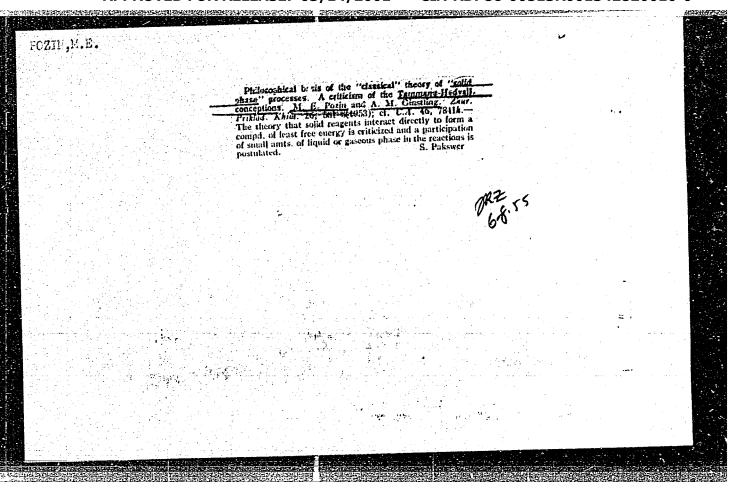
POZIII, II. YE.

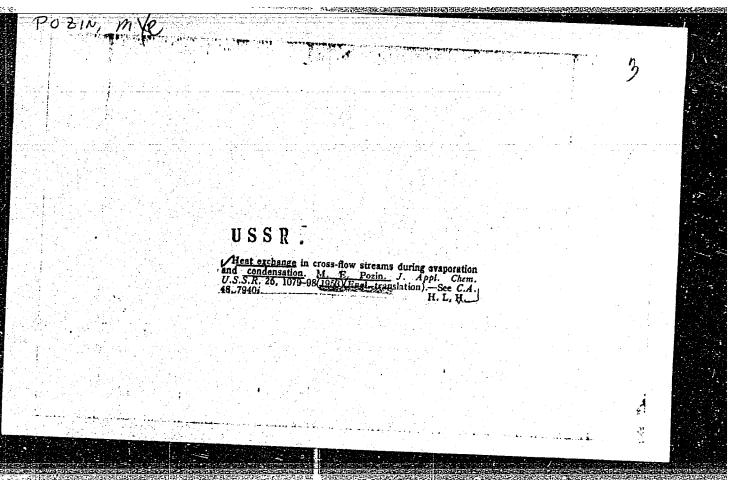
M. Ye. Pomin, and L. M. Batuner, <u>Matematichesking metody v khinielenkog faktuile</u> (Mathematical Mothods in Chemical Engineering), Goskindadat...1953

The boothlet describes notheds of methem tical colution of various errors and absolute, chemical technology, and technique, and presents numbrous examples of the solution of specific problems which chemists a counter in their practical work.

The book is intended for production and research chemical engineers, and no remark as an aid for students of chemical technology institutes, and postgraduate students.

SO: Sovetsking Inigi (Soviet Books), No. 186, 1953, Moscott, (U-6472)





P02	ZIN, M.Ye.
march telest	A CONTRACT OF THE PROPERTY OF
	Heat exchange in counter flow during and
	Heat exchange in counter flow during evaporation and condensation. Zhur.prikl.
	1. Leningradskiy tekhnologicheskiy institut imeni Leningradskogo soveta.
	(Thermodynamics)

POZIN, N.Ye.; MUKHLEHOV, I.P.; VOL'FKOVICH, S.I., akademik.

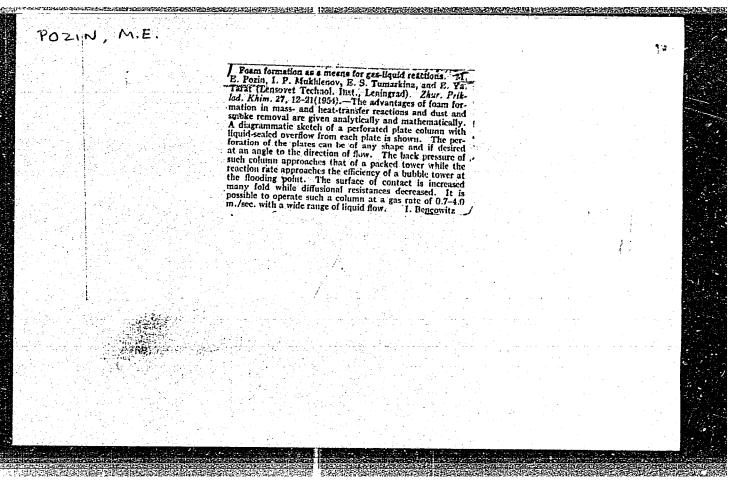
Foam conditions for the processing of gas-fluid systems. Dokl. AM SSSE 92 no.2:

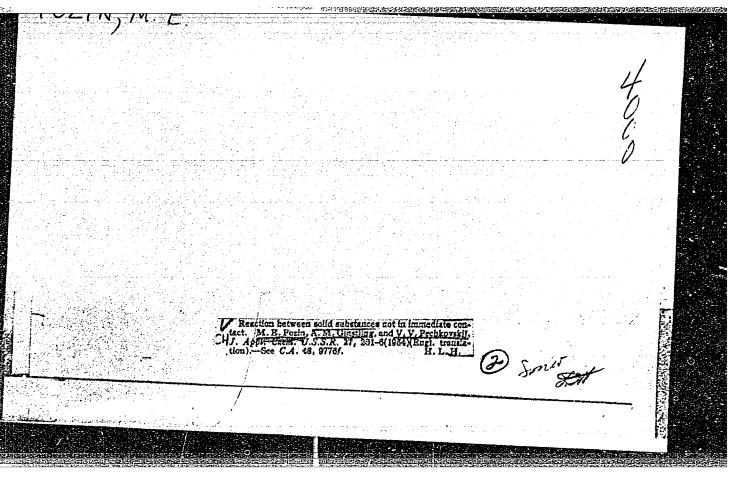
(MIRA 6:9)

393-396 S '53.

1. Akademiya nauk SSSE (for Vol'fkovich). 2. Leningradskiy tekhnologicheskiy institut im. Lensoveta (for Pozin and Makhlenov).

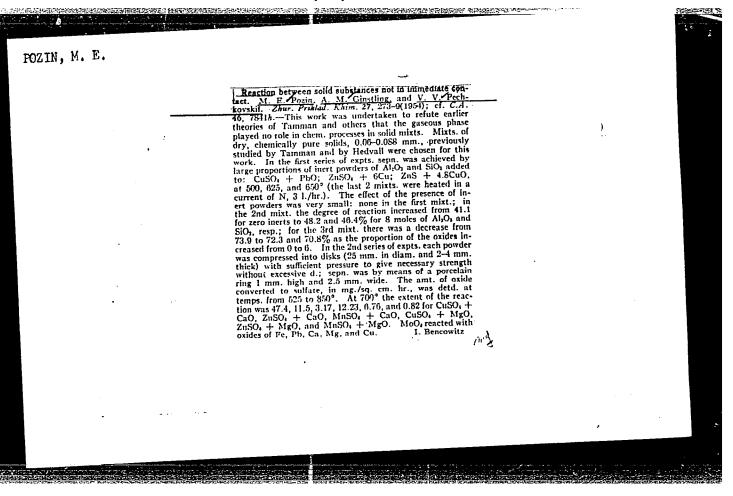
(Foam) (Fluid dynamics)

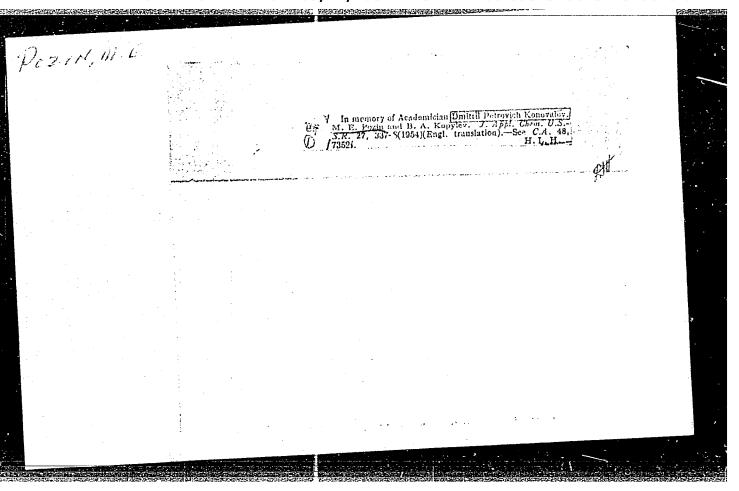




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Subject : USSR/Chemistry

AID - P-85

Card

: 1/1

Authors

: Pozin, M. Ye., and Kopylev, B. A.

Title

: In memory of the Academician Dmitriy Petrovich Konovalov

Periodical : Zhur. Prikl. Khim. 27, no. 4, 353-355, 1954

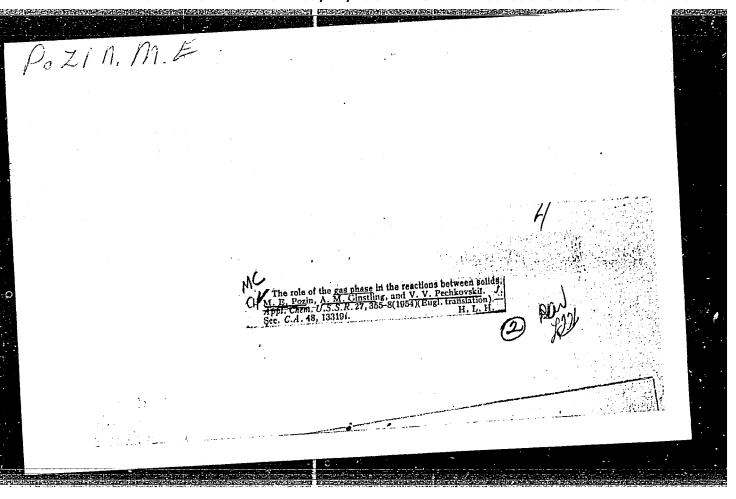
Abstract

: Brief outline of the scientific activities of D. P. Konovalov, founder of the Russian school of physical chemistry on the occasion of

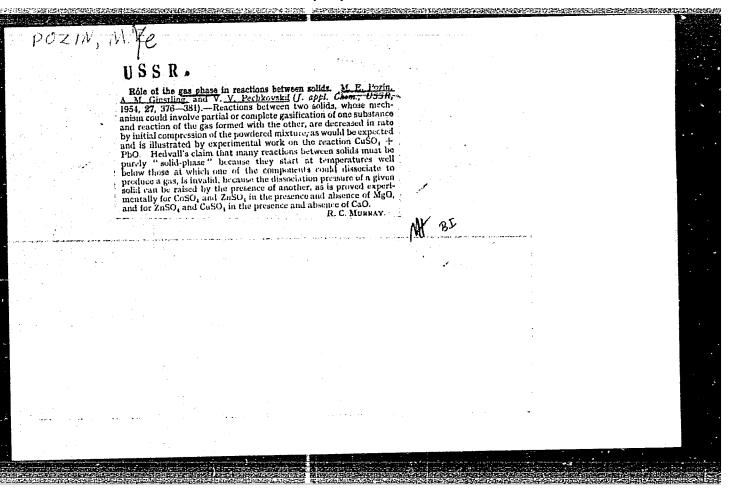
25th anniversary of his death.

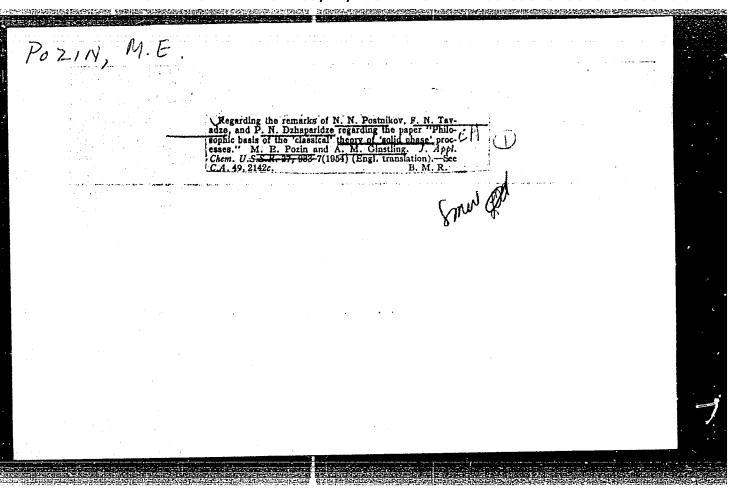
Institution: None

Submitted : No date



APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820010-0"





POZINME.

POSTNIKOV, N.N.

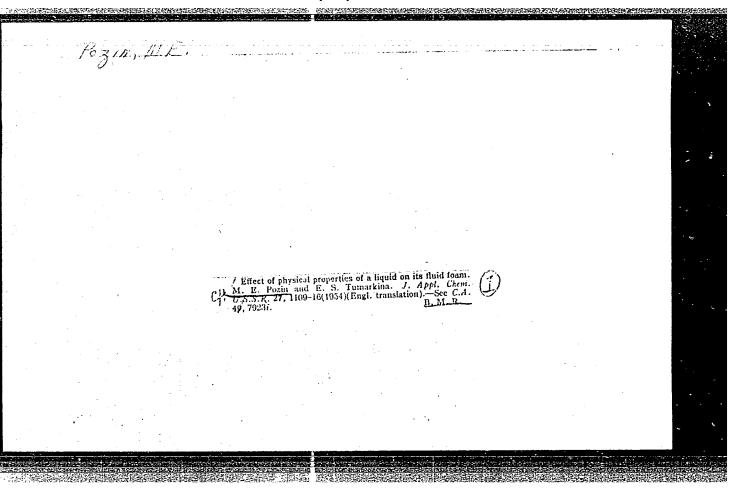
On the article of M.Z.Pozin and A.M.Ginstling "Philosophical principles of the "Classical" theory of "solid phase" processes."

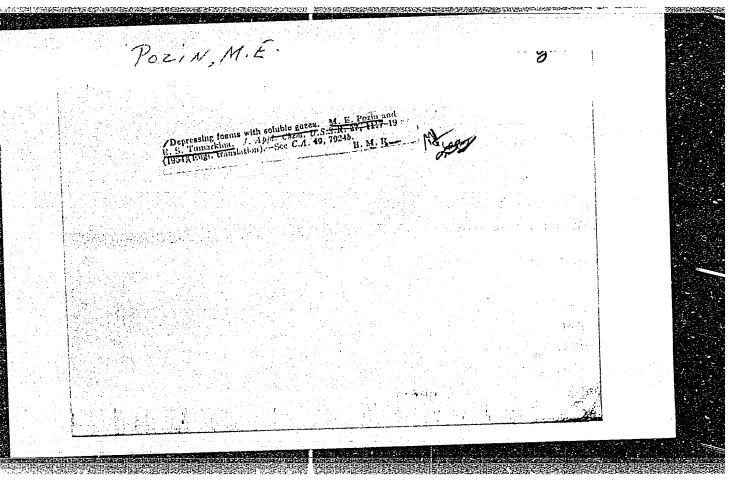
Zhur.prikl.khim. 27 no.9:991-992 S '54. (MLRA 7:10)

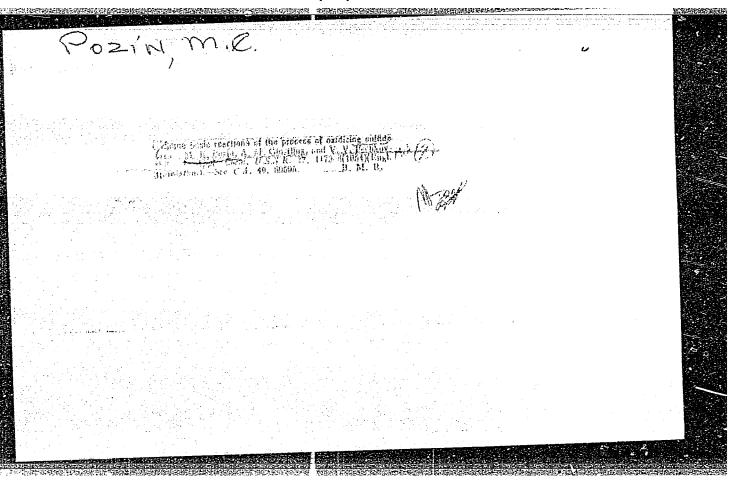
(Solids) (Pozin, M.E.) (Ginstling, A.M.)

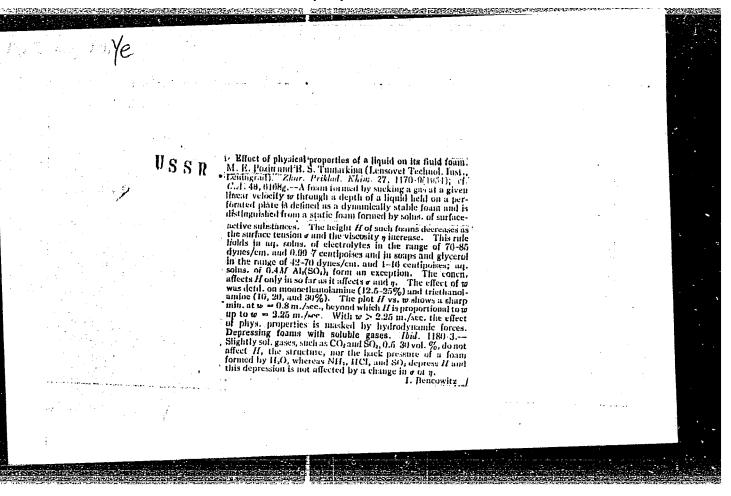
Remarks of N.N.Postnikov, F.N.Tavadze, and P.N.Dzhaparidze concerning the article "Philosophical principles of the "classical" theory of "solid phase" processes. Zhur.prikl.khim. 27 no.9:995-999 S '54. (MLRA 7:10)

(Solids) (Postnikov, N.N.) (Tavadze, F.N.) (Dzhaparidze, P.N.)







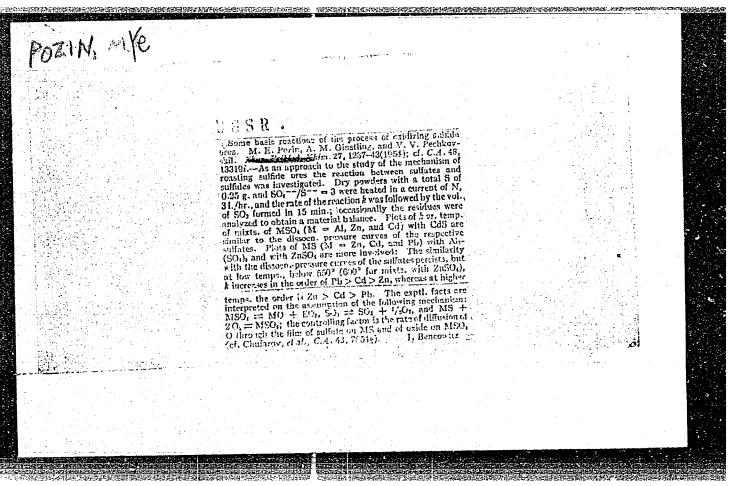


POZIN, M.Ye.; TUMARKINA, Ye.S.

Suppression of foam by easily soluble gases. Zhur.prikl.khim.
27 no.11:1180-1183 N '54.

1. Leningradskiy tekhnologicheskiy institut im. Lensoveta.

(Youm)



BATUNER, L.M.; POZIN, M.Ye., professor; PROTASOV. A.M., redaktor; FRIRRIKESEERG, D.A., redaktor; FOMKINA, T.A., tekhnicheskiy redaktor [Mathematical methods in chemical technology] Matematicheskie metody v khimicheskoi tekhnike. Izd. 2-oe, dop. Pod obshchei red. M.E.Pozina. Leningrad, Gos.nauchno-tekhn. izd-vo khim. lit-ry, (MIRA 9:7) 1955. 481 p. (Chemistry, Technical)

AID P - 2275

Subject : USSR/Chemistry

Card 1/1 Pub. 152 - 1/21

Authors : Pozin, M. Ye. and Ya. Ya. Vosol'sobe

Sand British Bank Sales Sales

Title : Oxidation of sulfur with nitrose

Periodical: Zhur. prikl. khim., no.3, 229-236, 1955

Abstract : Sulfur was oxidized with nitroses containing up to 10%

of nitrosyl sulfate; the concentration of initial H₂SO₄ was 75.5 - 99.8%. The reaction rates are illustrated in diagrams. Three tables, 6 diagrams,

2 references (none Russian).

Institution: Leningrad Technological Institute (im. Lensovet)

Submitted : D 7, 1953

CIA-RDP86-00513R001342820010-0 "APPROVED FOR RELEASE: 03/14/2001

USSR/Chemical Technology - Chemical Products and Their

Application, Sulfuric Acid, Sulfur and Its Compounds.

: Ref Zhur - Khimiya, No 3, 1957, 8773 Abs Jour

: Pozin, M.Ye. and Vosol'sobe, Ya.Ya. Author

Inst

Title

: Oxidation of Sulfur by a Mixture of Nitric and Sulfuric

Acids.

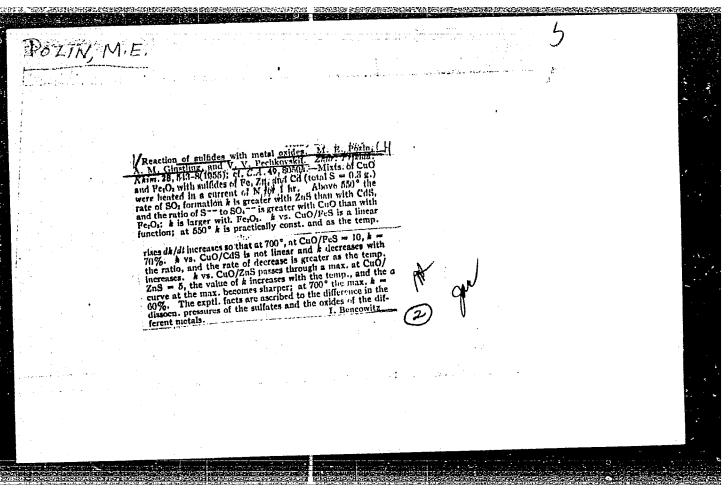
: Zh. prikl. khimii, 1955, 28, No 4, 428-431 Orig Pub

: It has been established that the rate at which S reacts Abstract

with ${\rm HNO_3}$ depends on the concentration of the ${\rm H_2SO_4}$ present in the mixture; at H2SO4 concentrations of less than 75%, the reaction practically does not take place. When the H2SO4 concentration is increased, the rate of oxidation increases sharply and attains a maximum when 92% sulfuric acid is used. There are reasons to believe that in both the acid mixture and in conc. HNO2 the active agent is not the nitrate anion, but the singly char-

ged notronium (NO2) or nitracidium (NO3H2) ion.

Card 1/1



ELW, MV:

AID P - 3487

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Subject

: USSR/Chemistry

Card 1/1

Pub. 152 - 2/21

Authors

: Pozin, M. Ye., I. P. Mukhlenov, and L. S. Vasilesku

Title

Reduction of ferric sulfate with sulfur dioxide

Periodical

: Zhur. prikl. khim., 28, 6, 573-578, 1955

Abstract

: Experiments were carried out with gases containing various amounts of sulfur dioxide and oxygen in the presence of an iron catalyst at 20-80°C, and the effects of temperature, SO₂-content, and O₂-content on the rate of reduction of ferric sulfate to ferrous sulfate were studied. The experimental data show that sulfur dioxide contained in the waste gases from metallurgical processes and in flue gases can be oxidized to sulfuric acid. Seven diagrams, 7 references, 4

Russian (1936-1952),

Institution : Leningrad Technological Institute im. Lensovet

Submitted

: My 10, 1954

AID P - 3565

the and the desire and ender the state of th

Subject

: USSR/Chemistry

Card 1/1

Pub. 152 - 2/20

Authors

Pozin, M. Ye., I. P. Mukhlenov, and L. S. Vasilesku

Title

Oxidation of sulfur dioxide in a ferrous sulfate solution

Periodical

: Zhur. prikl. khim., 28, 7, 681-686, 1955

Abstract

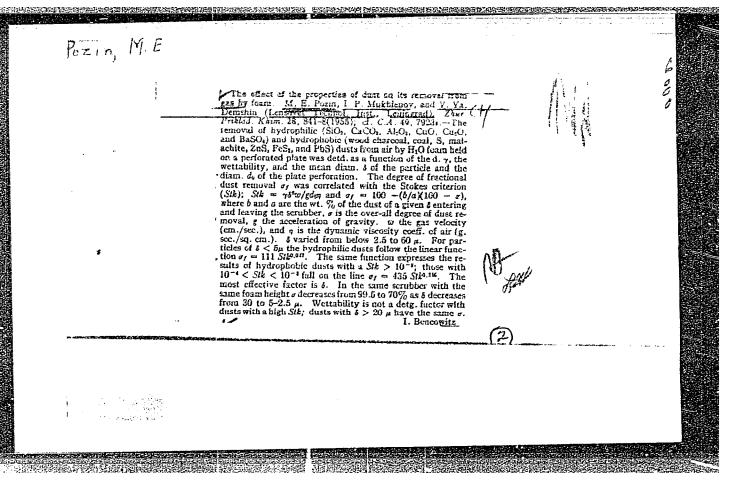
: Sulfur dioxide reacts with a ferrous sulfate solution forming ferric sulfate and sulfuric acid. Optimum temperature for the oxidation of ferrous sulfate to ferric sulfate is $60-80^{\circ}$ C, and for the formation of sulfuric acid, $80-90^{\circ}$ C. Six diagrams, 7 references,

5 Russian (1931-1955).

Institution : Leningrad Technological Institute im. Lensovet

Submitted

: My 10, 1954



AID P - 3929

: USSR/Chemistry Subject

Vozana II. je

Card 1/1 Pub. 152 - 12/19

Pozin, M. Ye., I. P. Mukhlenov, and V. Ya. Demshin Authors

: Analysis of the dust-collecting process in a foam Title

apparatus.

Periodical: Zhur. prikl. khim. 28, 10, 1116-20, 1955

: Dust removal with the aid of foam apparatus proceeds Abstract

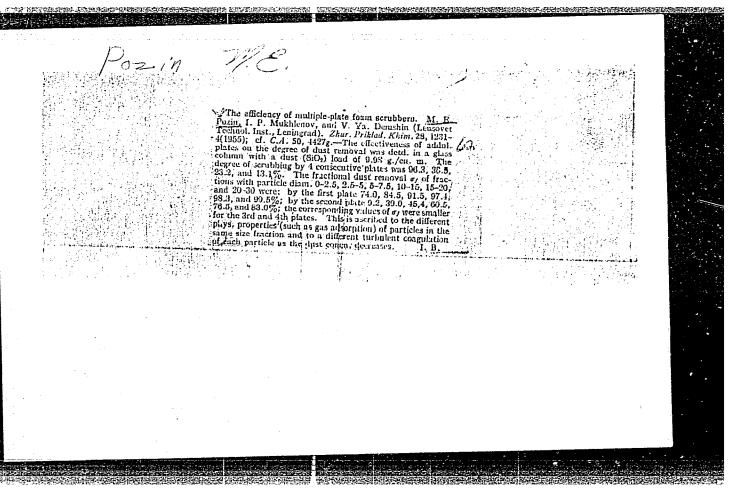
in two steps. A description of experiments which were carried out to elucidate this process and an analytical discussion of the process are given. One table, two

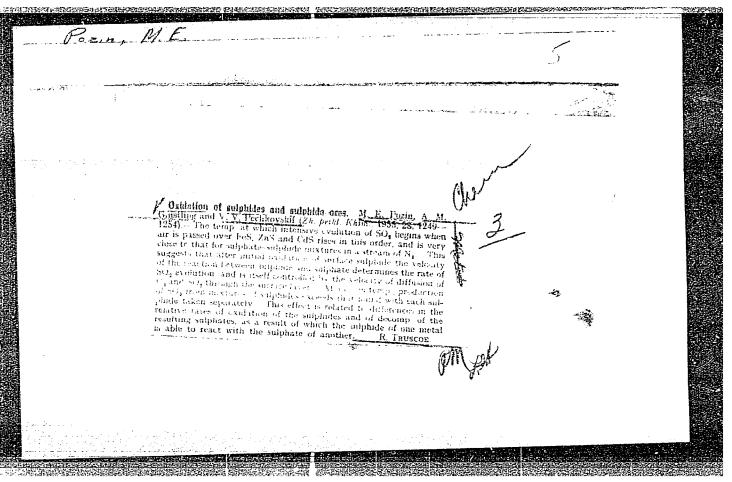
diagrams, 4 references, all Russian (1953-55).

Institution: Leningrad Technological Institute im. Lensovet.

Submitted: F 21, 1955

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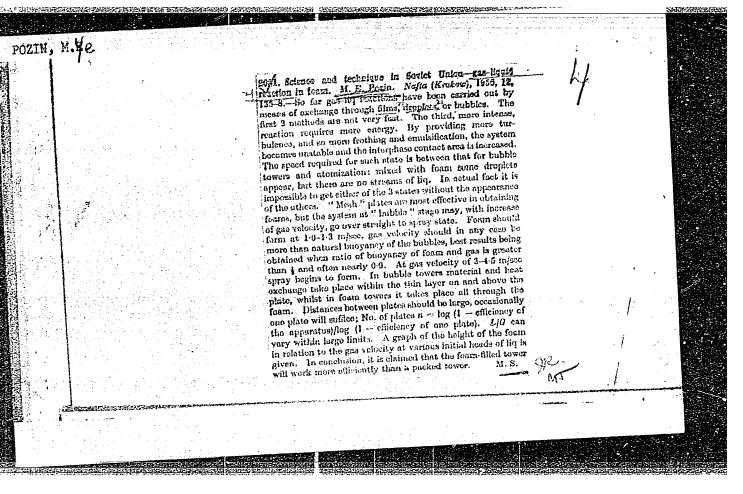




POZIN. Meks Yefimovich; KIKBANOV, G.S., redaktor; ERLIKH, Ye.Ya., tekhnicheskiy redektor

[Tochnology of mineral fertilizers and salts] Tekhnologiia mineral'nykh udobrenii i solei. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1956. 352 p.

(Fertilizers and manures) (Salts)



POZIN, M.Ye., doktor tekhnicheskikh nauk; MUKHIENOV, I.P., kandidat

Removal of dust from industrial gases by a foam gas-purifier. Gig.

1 gan. 21 no.12:11-18 D '56.

1. Iz Leningradskogo tekhnologicheskogo instituta imeni Lensoveta.

(DUST, prev. and control.

removal from indust. gases by gas-purifier)

Pozin Myo

USSR/Chemical Technology. Chemical Products and Their Application. J-3 Sulfuric Acid, Sulphur and Its Compounds.

Abs Jour: Referat Zh.-Kh., No 8, 1957, 27415

: M. Ye. Pozin, G.V. Bel'chenko Author

: On the Question of Reduction of Nitric Acid Consumption in the Inst Title Nitrose Sulfuric Acid Process.

Orig Pub: Zh. prikl. khimii, 1956, 29, No 4, 506-511

Abstract: About 97% of the HNO, consumption by H, SO, works is determined by the losses of N oxides (OA) in waste gases. The main cause of OA losses is that they are not prepared for the interception in the absorption zone of the tower installation (excess of NO as compared with the easily absorbed equimolecular mixture of NO + NO,). Laboratory experiments were carried out in order to determine the dependence of the optimum initial oxidation degree $x_{e}^{-1/2} = c_{NO} / (c_{NO} + c_{NO})$ of nitrose gases supplied

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USSR/Chemical Technology. Chemical Products and Their Application. J-3
Sulfuric Acid, Sulphur and Its Compounds.

Abs Jour: Referat Zh.-Kh., No 8, 1957, 27415

to the absorption towers on various factors. NO, as well as 0. for the oxidation of a part of NO into NO, were fed into the oxidation space at the temperature of $20 \pm 0.5^{\circ}$; the amount of 0, answered the preset oxidation degree, because the mixture of NO + NO, leaving the oxidation space did not contain 0. This mixture was let through an absorption glass tube of 38.5 mm dia. With a porcelain head piece 400 mm high wetted with 76%-ual chemically pure H.SO,. N. and 0. also were fed into the column in order to dilute the nitrose gases to the necessary concentration. The contents of OA in gases leaving the column were determined with a photocolorimeter. The experiment results showed that the losses of OA and the consumption of HNO; in the lead chamber process depended on the initial oxidation degree x_0 . The losses can be reduced by feeding gas of $x_0 < 0.5$ into the absorption zone. The dependence of OA

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-11-

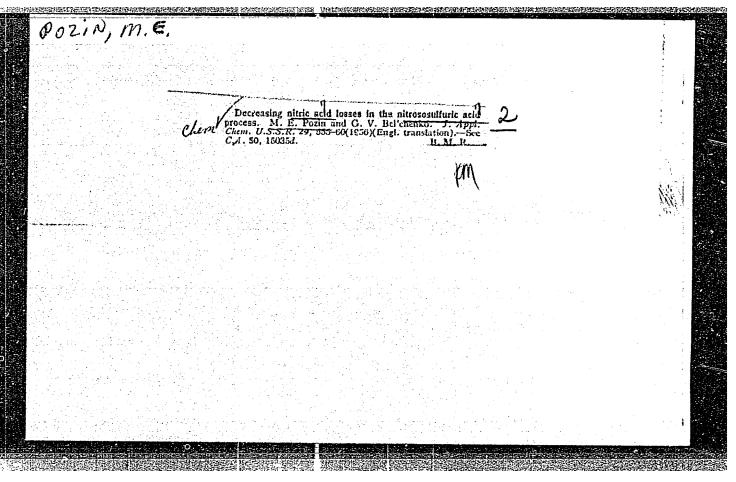
USSR/Chemical Technology. Chemical Products and Their Application. J-3 Sulfuric Acid, Sulphur and Its Compounds.

Abs Jour: Referat Zh.-Kh., No 8, 1957, 27415

content in waste gases on x_{\odot} was expressed by curves with a sharp minimum at x_{\odot} between 0.4 and 0.45 (depending on the initial composition of gases). The computations showed that the divergence of x_{\odot} of 0.01 to either side increased the consumption of HNO by 2 kg per 1 ton of H_.SO_{...}

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USSR/Chemical Technology. Chemical Products and Their Application. 7-3 Sulfuric Acid, Sulphur and Its Compounds.

Abs Jour: Referat Zh.-Kh., No 8, 1957, 27414

Author : M. Ye. Pozin. G.V. Bel'chenko

Inst

: Losses of Nitrogen Oxides in Waste Gas of Nitrose Sulfuric Acto Title

Systems.

Orig Pub: Zh. prikl. khimii, 1956, 29, No 7, 972-977

Abstract: The results of experiments with the installation (see next ab. a. for the determination of the values of optimum initial exidation degree x_0^{opt} of nitrose gases of various composition (3 to 9% of the mixture of NO + NO, and 5 to 10% of O2) in case of head present of various hydraulic radii \(\) are shown. It is estatlished that the preparation of nitrose gases for absorption must be done take ing into consideration the composition of gases and 5 . The great ter the nitrosity of gases to be absorbed, the greater the oxide-

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> CIA-RDP86-00513R001342820010-0" **APPROVED FOR RELEASE: 03/14/2001**

USSR/Chemical Technology. Chemical Products and Their Application. J-3 Sulfuric Acid, Sulphur and Its Compounds.

Abs Jour : Referat Zh.-Kh., No 8, 1957, 27414

tion degree x, must be in order to reduce the losses of oxides (OA). The dependence of x_0^{per} on ζ is a more complicated function depending also on the content of 0_{+} in gases. Thus, in case of 10% of 0_{+} , x_0^{per} decreases with the increase of ζ at any gas nitrosity. Should the content of 0_{+} in gases decrease, this rule would be altered: in case of little nitrose gases and a small ζ , the magnitude of x_0^{per} remains nearly without change. The minimum losses of OA in waste gases are secured at $x_0^{\text{per}} < 0.5$ under the condition of a complete conversion of SO₁ in the producing zone and of the normal hydrodynamic regime in the absorption zone (i.e., that the complete head piece is wetted and the gases are distributed uniformly in it). $x_0^{\text{per}} = 0.39$ to 0.46 under the conditions that have been studied. The experimental values of x_0^{per} of nitrose gases before the absorption in case of various gas compositions and various ζ can be

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. USSR/Chemical Technology. Chemical Products and Their Application. J-3
Sulfuric Acid, Sulphur and Its Compounds.

Abs Jour: Referat Zh.-Kh., No 8, 1957, 2741h

used for the preparation of OA for the absorption with a view to reduce their losses and the consumption of HNO, in H SO, manual facturing.

Card : 3/3

-9-

POZIN, M.Ye.

Efficiency coefficient of chemical apparatus as a function of the rate of flow of materials and of the coefficient of the

rate of chemical, diffusive, and thermal processes. Zhur.prikl. (MLRA 9:11)

Leningradskiy tekhnologicheskiy institut imeni Lensoveta.
 (Chemical engineering--Apparatus and supplies)

1021N, M, E:

USSR / Ceneral Problems - Methodology. History. Scientific 1-1

Institutions & Conferences, Teaching, Problems of

Bibliograph and Scientific Documentation.

ubs Jour : Reverst Zhur - Khimiya, No 6, 25 parch 1957, 1 054

author : Dubovitskiy, and, Pozin, i.E.

Inst

Title : Screen Isaakovich Vol'fkovich

Orig Pub : Zh. Pribl. khimii, 1956, 29, No 11, 1617-1620

Abstract : In the 60th anniversary of birthday of the academician

S.I. Vol'fkovich (born 1896), a well-know specialist and investigator in the domain of chemistry and technology of inorganic substances (Loskovskiy West, Mauchnyy

In-t for fortilizers and inscotofungicides).

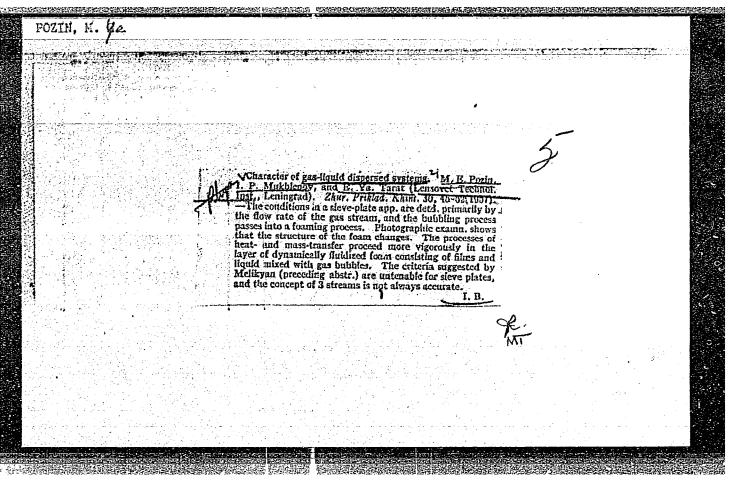
Card 1/1

POZIN. M.Za., professor; KOPYLEV, B.A.; TUMARKINA, Ye.S.; BEL'CHENKO, G.V.; SIMOMOV, G.A., redektor; ERLIKH, Ye.Ya., tekhnicheskiy redaktor

[Practical manual on the technology of inorganic substances]

Rukovodstvo k prekticheskim zenistitem po tekhnologii neorganicheskiki veshchestv. Pod obshchei red. M.E.Pozina. Leningrad, Gos. nauchno-tekhn.izd-vo khim.ilt-ry, 1957. 291 p. (MLRA 10:7)

(Chemistry, Inorganic)



POZIN, M.Ye.; MUKHLENOV, I.P.; TARAT, E.Ya.

Foam technique for dust collection from gases. Zhur.prikl.khim.
30 no.2:293-297 F '57. (MLRA 10:5)

1.Leningradskiy tekhnologicheskiy institut imeni Lensoveta.
(Dust collectors) (Gases)

POZIN MINE.

USSR /Chemical Technology. Chemical Products

H-2

al decree successors in the expension production is a second of the expension of the expens

and Their Application

Processes and Apparatus for Chemical Technology

Abs Jour: Referat Zhur - Khimiya, No 1, 1958, 1536

Pozin M. Ye., Kopylev B.A. Author:

: Effectiveness of the Absorption of Gases of Title

Different Solubility by the Bubbling and

Foaming Methods

Orig Pub: Zh. prikl. khimii, 1957, 30, No 3, 362-369

For a cross current there has been derived the Abstract:

approximate equation: $\eta = 2K / (2w + K)$, where $\eta = -$ efficiency, K - total coefficient of absorption, referred to 1 m² of cross section area of gaseous flow (plate), at a moving force

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H-2

USSR /Chemical Technology. Chemical Products and Their Application Processes and Apparatus for Chemical Technology

Abs Jour: Referat Zhur - Khimiya, No 1, 1958, 1536

expressed in units of concentration of the gaseous phase, kg/m² hour (kg/m³); w -- linear velocity of inert component, in m/hour, numerically equal to its rate of flow per l m² of plate surface area (Pozin M. Ye., Zh. prikl. khimii, 1952, 25, No 10, 1032). To utilize the equation it is necessary to have available an experimentally determined correlation between K and w, or η and w. Analysis of extensive experimental data of various investigators shows that the values of η , on absorption in bubbler and foaming apparatus, are determined essentially by the solubility of

Card 2/3

USSR /Chemical Technology. Chemical Products

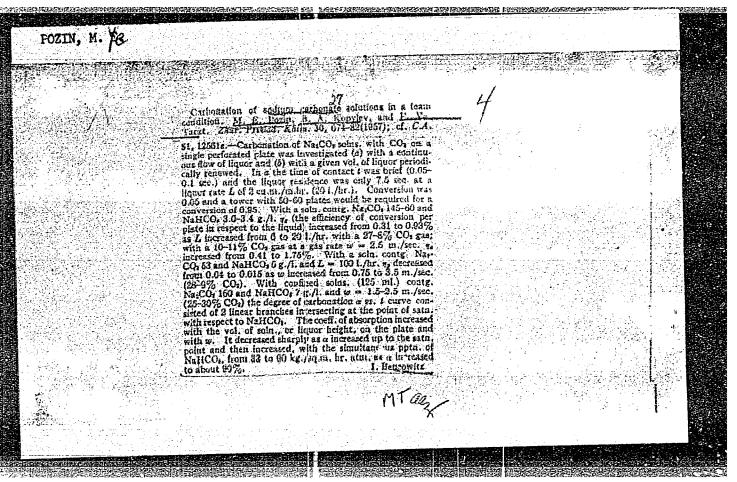
and Their Application

Processes and Apparatus for Chemical Technology

Abs Jour: Referat Zhur - Khimiya, No 1, 1958, 1536

the gas in the liquid; the influence of the other parameters (linear velocities of gas and liquid, depth of layer through which the bubbling takes place, or that of the layer of foam) on η is not as sharply manifested. It was found that $\eta=1.0\div0.5$ in the case of gases that are readily dissolved, $\eta=0.5\div0.05$ in the case of gases of moderate solubility, and $\eta=0.05\div0.001$ with difficultly soluble gases. By using these values it is possible to determine, by means of the abovestated equation, the order of magnitude of K, for different gases, during the absorption by the bubbling or by the foaming method.

Card 3/3



POZIN, M.Ye.; MURATOVA, M.I.

Crystallizing potassium chloride from kainite lyes. Zhur. prikl. khim. 30 no.9:1378-1382 S '57. (MIRA 11:1)

1. Leningradskiy tekhnologicheskiy institut imeni Lensoveta. (Potassium chloride)

pozin, m.	The state of the s
	Quality of potassium cliorise obtained from kainite flaguors of different composiusma. M. E. Ponig'und Ki. I. Muratova (Lensovet: Technol. Int. Leningrad). Zaur. Muratova (Lensovet: Technol. Int. Leningrad). Zaur. Muratova (Lensovet: Technol. Int. Leningrad). Zaur.
	The compn. of the solid phase, (KCI + NaCI), crysta. The compn. of the solid phase, (KCI + NaCI), crysta. The compn. of the solid phase, (KCI + NaCI), crysta. The compn. of the solid phase, (KCI + NaCI), crysta. The compn. of the solid phase, (KCI + NaCI), crysta.
	vine/kainite (wt.) in the init, was 0.37, 0.5, and 0.65. The K.O content in the solid phase increased with 3. As a The K.O content in the solid phase increased with 3.
	H.O/total equiv (& + high the passed through a max. at solid phase increased with the passed through a max. at 14-16 and decreased sharply (NaCl increased) at 14-16 and decreased sharply (NaCl increased)
	w > 18.5. In liquors with to = 14.5-18.8 (18.5) in reached a const. value of 45-50% with K ₂ O/SO ₃ = 0.85 in the liquor.
	추천 고양을 가입하면 보고 있다. 1905년 1일 전문 전환 100년 12일 전환 100년 12일 전환 100년 12일 전환 100년 12일 전환 1905년 1월 12일 전환 100년 12일 전환 1905년 12일 전환 100년 12일 전환 1
	하는 경험을 하는 사람들이 하는 것을 하는 것이 되었다. 그를 다른 사람들이 되었다는 것이 되었다. 그는 것이 되었다. 그는 것이 되었다. 기본을 하는 것이 되었다. 그는 것이 되었다는 것이 없는 것이 되었다. 그는 것이 되었다. 기본을 하는 것이 되었다. 그는 것이 되었다면 하는 것이 되었다. 그는 것이 되었다.
CHEROLOGICAL CONTRACTOR OF THE	

GRANSKIY, Viktor Isidorovich; KOMAROV, V.B., prof., doktor tekhn.nauk, retsenzent; POZIN, M.Ye., prof., doktor khim.nauk, retsenzent; TUMAREV, A.S., prof., doktor tekhn.nauk, retsenzent; EARPOV, V.G., dotsent, kand.tekhn.nauk, retsenzent; BLTUMBERG, V.A., kand.tekhn.nauk, retsenzent; BESPALOV, I.V., inzh., retsenzent; RIVLIN, L.B., inzh., retsenzent; ANSEROV, M.A., kand.tekhn.nauk, obshchiy red.; VOLOSHIN, D.A., red.; TOLOCHINSKAYA, B.M., bibliogr.red.

[Guide to technical reference books] Putevoditel' po tekhnicheskim spravochnikam. Pod obshchei red. M.A.Anserova. Leningrad. Gos. publichnaia biblioteka im. M.E.Saltykova-Shchedrina, 1958. 334 p. (MIRA 12:8)

(Bibliography--Technology)

AUTHORS: Posin, M. Ye., Kopylev, B. A. 507/156 -58-3-48/52 TITLE: The Velocity of the Interaction of Mepheline With Aqueous Solutions of Sulfur Dioxide (Skorost' vzaimodeystviya nefelina s vodnym rastvorom dvuokisi sery) PERIODICAL: Mauchnyje doklady vysshey shkoly, Khimiya i khimicheskaya tekhnologiya, 1958, Nr 3, pp. 588-591 (USSR) ABSTRACT: When sulfur dioxide reacts with an aqueous suspension of nepheline an absorption of SO_2 in the solid phase occurs. The quantity of SO_2 absorbed is dependent on the SO_2 concentration in the solution. In concentrated solutions of so_2 (1,9 - 4,9 so_2) a strange chemical reaction between nepheline and 80_2 occurs. In solutions with a relatively high content of 80_2 a longer period of absorption is required before SO, is found in the suspension. The presence of SO, is explained by the decomposition of acid aluminum sulfite. $(2 \text{ Al}(\text{HSO}_3)_3 \longleftrightarrow \text{Al}_2(\text{OH})_4 \text{SO}_3 + 5 \text{ SO}_2 + \text{H}_2\text{O}).$ The absorption of SO from the solution by the solid phase of nepheline is made use of in the absorption process of Card 1/2